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# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

10/06/2004

IBM CORPORATION INTELLECTUAL PROPERTY LAW DEPT. P.O. BOX 218 YORKTOWN HEIGHTS, NY 10598 EXAMINER
HOLMES, MICHAEL B

PAPER NUMBER

HOLMES, MICHAEL B

2121

DATE MAILED: 10/06/2004

ſ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
L					2226
	10/045,271	10/25/2001	Junya Shimizu	JP920000305US1	2226

TITLE OF INVENTION: SIGNAL SEPARATION METHOD AND APPARATUS FOR RESTORING ORIGINAL SIGNAL FROM OBSERVED DATA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/06/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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Page 1 of 4

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IBM CORPORATION INTELLECTUAL PROPERTY LAW DEPT. P.O. BOX 218 YORKTOWN HEIGHTS, NY 10598  APPLICATION NO. FILING DATE FIRST NAMED INVENTIOR ATTORNEY DOCKET NO. CONFIRMATION N 10/045/271 10/25/2001 Jurya Shimiza. JP920000365US1 2226  TITLE OF INVENTION: SIGNAL SEPARATION METHOD AND APPARATUS FOR RESTORING ORIGINAL SIGNAL FROM OBSERVED DATA  APPLN TYPE SMALL ENTITY ISSUE FIE PUBLICATION FIE TOTAL FEE(5) DUE DATE DUE nonprovisional NO \$1370 \$300 \$1670 01/06/2005  EXAMINER ART UNIT CLASS-SUBCLASS  HOLMES, MICHAEL B 2121 706-022000  L. Change of correspondence address or indication of "Fee Address" (37 CFE 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/1/2; Andrew Conference) state-bot Use of a Customer PHO/SB/1/2; Not 90-042 or more recent) state-bot Use of a Customer PHO/SB/1/2; Not 90-042 or more recent) state-bot Use of a Customer PHO/SB/1/2; Not 90-042 or more recent) state-bot Use of a Customer Pho/SB/1/2; Not 90-042 or more recent) state-bot Use of a Customer Phorospondence address for Change of Correspondence address for SB/1/2; Data SB			any change of address)		Note: A certificate of mailing can only be used for domestic mailings of the			
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CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Tec Address" indication (or "Fee Address" Indication form PTO/SB/122) attached.  (2) the name of a single firm (having as a member a registered atterney or agents OR, alternatively.  (2) the name of a single firm (having as a member a registered atterney or agents. If no name is listed, no name will be printed.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern 4a. The following fee(s) are enclosed:    Publication Fee (No small entity discount permitted)   Advance Order - # of Copies	Change of correspondence	address or indication of "Fe	ee Address" (37	2. For printing	on the patent front page, I	list		
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.     "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required.     3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE	CFR 1.363).		,			1		
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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filterecordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern 4a. The following fee(s) are enclosed:    Issue Fee	PTO/SB/47; Rev 03-02 of	or more recent) attached. Use	e of a Customer	2 registered pa listed, no name	tent attorneys or agents. I e will be printed.	f no name is 3		
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern  4a. The following fee(s) are enclosed:    Size Fee   A check in the amount of the fee(s) is enclosed.   Publication Fee (No small entity discount permitted)   Payment by credit card. Form PTO-2038 is attached.   Advance Order - # of Copies   Deposit Account Number   Cenclose an extra copy of this form).  5. Change in Entity Status (from status indicated above)   Deposit Account Number	3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (pr	int or type)			
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern  4a. The following fee(s) are enclosed:  Issue Fee  A check in the amount of the fee(s) is enclosed.  Publication Fee (No small entity discount permitted)  Advance Order - # of Copies  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayme peposit Account Number  Change in Entity Status (from status indicated above)  A Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other painterest as shown by the records of the United States Patent and Trademark Office.	PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	clow, no assignee of this form is NO	data will appear of a substitute for t	on the patent. If an assig	mee is identified below, the d	ocument has been filed for	
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern  4a. The following fee(s) are enclosed:  4b. Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.  Publication Fee (No small entity discount permitted)  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayme (enclose an extra copy of this form).  5. Change in Entity Status (from status indicated above)  a Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other painterest as shown by the records of the United States Patent and Trademark Office.								
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□ Issue Fee □ A check in the amount of the fee(s) is enclosed. □ Publication Fee (No small entity discount permitted) □ Payment by credit card. Form PTO-2038 is attached. □ Advance Order - # of Copies □ The Director is hereby authorized by charge the required fee(s), or credit any overpayme (enclose an extra copy of this form).  5. Change in Entity Status (from status indicated above) □ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other painterest as shown by the records of the United States Patent and Trademark Office.		<del></del>		<u>_</u>	<del></del>	corporation of other private gre	oup chary - Government	
Publication Fee (No small entity discount permitted)  Advance Order - # of Copies  Deposit Account Number  The Director is hereby authorized by charge the required fee(s), or credit any overpayme (enclose an extra copy of this form).  Change in Entity Status (from status indicated above)  Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  By Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other painterest as shown by the records of the United States Patent and Trademark Office.	_	·	40		` '	meloced		
Advance Order - # of Copies The Director is hereby authorized by charge the required fee(s), or credit any overpayment of Copies an extra copy of this form).  5. Change in Entity Status (from status indicated above)  a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE. The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignce or other painterest as shown by the records of the United States Patent and Trademark Office.						•		
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Authorized Signature Date	The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issuablication Fee (if required) words of the United States Pate	ne Fee and Publica will not be accepted and Trademark	tion Fee (if any) o d from anyone oth Office.	r to re-apply any previous er than the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or the	tion identified above. ne assignee or other party in	
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to propose an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to conthis form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box Alexandria, Virginia 22313-1450.	an application. Confidentiali submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virgi Alexandria Virginia 2221	ty is governed by 35 U.S.C. plication form to the USPT for reducing this burden, shinia 22313-1450. DO NOT 1450	122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR (	1.14. This collecti depending upon e Chief Informatic COMPLETED FO	to its stimated to take 12 the individual case. Any con Officer, U.S. Patent and RMS TO THIS ADDRES	minutes to complete, includir comments on the amount of tid d Trademark Office, U.S. Dep. SS. SEND TO: Commissioner	g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	

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APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,271	10/045,271 10/25/2001 Junya Shimizu		JP9200003 05US1	2226
7:	590 10/06/2004	EXAM	EXAMINER	
IBM CORPORA	<del>-</del>	HOLMES, M	HOLMES, MICHAEL B	
	PROPERTY LAW DEPT.	ARTUNIT	PAPER NUMBER	
P.O. BOX 218	ICHEO NALIOSOO		TAI EK NOMBEK	
YORKTOWN HE	IGHTS, NY 10598	2121		
		DATE MAN P.D. 10/06/200		

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# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 651 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 651 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,271	10/25/2001	JP920000305US1	2226	
7	590 10/06/2004	EXAM	EXAMINER	
IBM CORPORA	TION	HOLMES, M	HOLMES, MICHAEL B	
INTELLECTUAL	PROPERTY LAW DEPT.			
P.O. BOX 218	•	ART UNIT	PAPER NUMBER	
YORKTOWN HE	IGHTS, NY 10598	2121		

DATE MAILED: 10/06/2004

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))......\$685.00 

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))......\$245.00 By other than a small entity.....\$490.00

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$660.00

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